

IN THE CLAIMS:

1. (Currently Amended) A print driver executable on a user's personal computer responsive to a selection of a print option from any application program, the print driver being stored on a memory medium readable by the user's personal computer, the print driver comprising:

computer-executable code configured to receive output from an application program; and

computer-executable code configured to generate print output from the application program output, the print output conforming to a scalable vector graphics (SVG) language, which is a standardized device independent output format,

wherein the computer-executable code configured to generate the print output further comprises computer-readable executable code configured to convert absolute coordinates coordinate values to SVG dimensions which indicate physical lengths using a width and height viewbox designation in the print output in accordance with physical dimensions of an output medium and a desired resolution.

2. (Cancelled)

3. (Previously Presented) A print driver according to Claim 1, wherein the application program output comprises Graphic Device Interface (GDI) commands.

4. (Previously Presented) A print driver according to Claim 1, wherein the scalable vector graphics (SVG) language permits a hierarchy of elements, wherein the

computer-executable code configured to generate print output further comprises:

computer-executable code configured to track a state change associated with a hierarchical level defined in the application program output and determine when to include the state change in the print output.

5. (Original) A print driver according to Claim 1, wherein the computer-executable code configured to generate print output further comprises:

computer-executable code configured to cache at least one path element in the application program output and generate a corresponding path element in the print output when a paint path element is encountered in the application program output.

6. (Cancelled)

7. (Original) A print driver according to Claim 1, wherein the computer-executable code configured to generate print output further comprises:

computer-executable code configured to embed image data within an element definition of the print output.

8 to 9. (Cancelled)

10. (Currently Amended) A method executable by a print driver executing on a user's personal computer and responsive to a selection of a print option from any application program, the print driver method comprising:

a receiving step to receive output from an application program; and
a generating step to generate print output from the application program
output, the print output conforming to a scalable vector graphics (SVG) language, which is
a standardized device independent output format,

wherein the computer-executable code configured to generate the print
output further comprises computer-readable executable code configured to convert
absolute coordinates coordinate values to SVG dimensions which indicate physical lengths
using a width and height viewbox designation in the print output in accordance with
dimensions of an output medium and a desired resolution.

11. (Cancelled)

12. (Previously Presented) A method according to Claim 10, wherein
the application program output comprises Graphic Device Interface (GDI) commands.

13. (Previously Presented) A method according to Claim 10, wherein
the scalable vector graphics (SVG) language permits a hierarchy of elements, wherein
generating print output further comprises:

tracking a state change associated with a hierarchical level defined in the
application program output and determine when to include the state change in the print
output.

14. (Original) A method according to Claim 10, wherein generating

print output further comprises:

storing at least one path element in the application program output and generating a corresponding path element in the print output when a paint path element is encountered in the application program output.

15. (Original) A method according to Claim 10, wherein generating print output further comprises:

converting absolute coordinates to physical lengths using a width and height viewbox designation in the print output.

16. (Original) A method according to Claim 10, wherein generating print output further comprises:

embedding image data within an element definition of the print output.

17 to 18. (Cancelled)

19. (Currently Amended) A computer-readable memory medium in which computer-executable process steps are stored, the process steps for execution by a print driver and responsive to a selection of a print option from an application program, the process steps comprising:

a receiving step to receive output from an application program; and
a generating step to generate print output from the application program output, the print output conforming to a scalable vector graphics (SVG) language, which is

a standardized device independent output format,

wherein the computer-executable code configured to generate the print output further comprises computer-readable executable code configured to convert absolute coordinates coordinate values to SVG dimensions which indicate physical lengths using a width and height viewBox designation in the print output in accordance with physical dimensions of an output medium and a desired resolution.

20. (Cancelled)

21. (Previously Presented) A computer-readable memory medium according to Claim 19, wherein the application program output comprises Graphic Device Interface (GDI) commands.

22. (Previously Presented) A computer-readable memory medium according to Claim 19, wherein the scalable vector graphics (SVG) language permits a hierarchy of elements, wherein the generating step to generate print output further comprises:

a tracking step to track a state change associated with a hierarchical level defined in the application program output and determine when to include the state change in the print output.

23. (Original) A computer-readable memory medium according to

Claim 19, wherein the generating step to generate print output further comprises:

a storing step to store at least one path element in the application program output and generating a corresponding path element in the print output when a print path element is encountered in the application program output.

24. (Original) A computer-readable memory medium according to

Claim 19, wherein the generating step to generate print output further comprises:

a converting step to convert absolute coordinates to physical lengths using a width and height viewbox designation in the print output.

25. (Original) A computer-readable memory medium according to

Claim 19, wherein the generating step to generate print output further comprises:

an embedding step to embed image data within an element definition of the print output.

26 to 27. (Cancelled)

28. (New) A print driver executable on a user's personal computer responsive to a selection of a print option from any application program, the print driver being stored on a memory medium readable by the user's personal computer, the print driver comprising:

computer-executable code configured to receive output from an application

program; and

computer-executable code configured to generate print output from the application program output, the print output conforming to a scalable vector graphics (SVG) language, which is a standardized device independent output format,

wherein the computer-executable code configured to generate the print output further comprises computer-executable code configured to convert absolute coordinate values to SVG dimensions in accordance with physical dimensions of an output medium and a desired resolution, and computer-executable code configured to cache at least one path element in the application program output and generate a corresponding path element in the print output when a paint path element is encountered in the application program output.

29. (New) A print driver according to Claim 28, wherein the application program output comprises Graphic Device Interface (GDI) commands.

30. (New) A print driver according to Claim 28, wherein the scalable vector graphics (SVG) language permits a hierarchy of elements, wherein the computer-executable code configured to generate print output further comprises:

computer-executable code configured to track a state change associated with a hierarchical level defined in the application program output and determine when to include the state change in the print output.

31. (New) A print driver according to Claim 28, wherein the computer-executable code configured to generate print output further comprises: computer-executable code configured to embed image data within an element definition of the print output.

32. (New) A method executable by a print driver executing on a user's personal computer and responsive to a selection of a print option from any application program, the method comprising:

a receiving step to receive output from an application program; and
a generating step to generate print output from the application program output, the print output conforming to a scalable vector graphics (SVG) language, which is a standardized device independent output format,

wherein the computer-executable code configured to generate the print output further comprises computer-executable code configured to convert absolute coordinate values to SVG dimensions in accordance with physical dimensions of an output medium and a desired resolution, and computer-executable code configured to cache at least one path element in the application program output and generate a corresponding path element in the print output when a paint path element is encountered in the application program output.